

Re: Fw: Induced Seismicity Comments

Philip Dellinger to: Susie McKenzie

01/31/2013 08:49 AM

From: Philip Dellinger/R6/USEPA/US

To: Susie McKenzie/R6/USEPA/US@EPA,

Is this the best one yet?

Susie McKenzie Susie Lopez McKenzie, PE EPA Region 6 (6WQ... 01/31/2013 07:43:43 AM

From: Susie McKenzie/R6/USEPA/US

To: dellinger.philip@epa.gov, dorsey.nancy@epa.gov, Ken-E Johnson/R6/USEPA/US@EPA,

graves.brian@epa.gov, Rob Lawrence/R6/USEPA/US@EPA, Keara Moore/DC/USEPA/US@EPA

Date: 01/31/2013 07:43 AM

Subject: Fw: Induced Seismicity Comments

Susie Lopez McKenzie, PE EPA Region 6 (6WQ-SG) 214-665-7198 work 214-686-6056 cell mckenzie.susie@epa.gov

----- Forwarded by Susie McKenzie/R6/USEPA/US on 01/31/2013 07:43 AM -----

From: Vince Matthews <leadvillegeology@gmail.com>

To: Susie McKenzie/R6/USEPA/US@EPA

Date: 01/30/2013 10:34 PM

Subject: Induced Seismicity Comments

Dear Susie,

This email is to comment on the EPA draft report MINIMIZING AND MANAGING POTENTIAL IMPACTS OF INDUCED-SEISMICITY FROM CLASS II DISPOSAL WELLS: PRACTICAL APPROACHES. My interest in this report is spurred by my experience as the former State Geologist of Colorado, as a former Member of the Western States Seismic Policy Council Executive Council, as a former Senior Science Advisor responsible for earthquake research in Colorado, as a former consultant to the Colorado Oil & Gas Conservation Commission for potential induced seismicity in UIC program Class II injection wells, and as a former university researcher involved in potential induced seismicity associated with a proposed dam in the Colorado Front Range.

I am impressed by the depth and breadth of this report. In my judgement it is balanced and thorough. I would recommend this report to professional geoscientists, regulators, and policy makers alike as an excellent primer and reference on the issue of induced seismicity and its potential mitigation in UIC Class II injection wells. It is quite readable at the overview level.

The appendices provide excellent documentation of key case histories and provide in-depth first principles for technical workers. I suspect that it will quickly become an important reference for the oil and gas industry, as well as many in academia.

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Vince

Vince Matthews, Ph.D. LeadvilleGeology 719-293-2222

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